## STATE OF MICHIGAN DEPARTMENT OF NATURAL RESOURCES WATER RESOURCES COSMISSION HARGE PERIVIT APPLICA

FOR OFFICIAL USE HYD. GEOL. DIST

Please print or type. The last page of this application contains a list of instructions and other important information. Please read the last page carefully before completing this application. (43/. C PN. 1. APPLICATION FOR (Check one) Existing Discharge Now Discharge Increased Discharge Managof Applicant Telephone No REN PLASTICS, Division of Ciba-Geigy (517) 393-1500 No and Stront City State and Zip Code Lansing, Michigan 48909 5656 S. Cedar Street 3 (a) TYPE OF LEGAL ENTITY (Check one). If incorporated, indicate state in which articles of X | Corporation Sole Owner Partnorship incorporation are filed New York Governmental Unit Non-Profit Organization (b) TYPE OF PROPOSED ENTERPRISE (Check one) Municipal Wastewater, School, Trailor Park C. Manufacturing and Mining B. Agricultural, Including Fish Farms D. Wholesale and Retail Trade, Other Commercial Establishments (c) DESCRIPTION OF PROPOSED ENTERPRISE: US LPA RECORDS CLNTER REGION 5 Research and Development for Plastics. (d) LOCATION OF PROPOSED ENTERPRISE Street Address City or Village Lansing 5656 S. Cedar Street County Township Town Range Section Ingham City of Lansing SOURCE OF WATER (Example: private well, river, municipal supply): PROCESS Amount (gai/day) WATER COOLING AND Amount (gal/day) 8,800 gal/wk. Municipal, City of Lansing CONDENSING DOMESTIC Amount (gal/day) 21,700 gal/wk. Municipal, City of Lansing WATER OTHER Amount (gal/day) (Specify) PROPOSED LOCATION OF WASTE DISCHARGE (Example groundwater, public sewer, county drain, lake; give name where applicable) PROCESS Amount (gal/day) WATER COULING AND Amount (gal/day) 8,800 gal/wk. 4 Storm sewer. CONDENSING

Amount (gil/day)

Amount (gal/day)

21,700 gal/wk.

Or Vestic Wastr Presently private septic tank-drain

June 1, 1979.

field. Proposed connection to Lansing City Sanitary Sewer

N/A	· ()		O		
•					
TOWATION OF EXPE	CTED CHARACTERISTICS OF WASTE	ACTIO TOS ATMENT			
Process Visite	CTED CHARAC FERISTICS OF WASTE	AFTER THEATRENT	(Bacterial, physical, chemi	ical, other).	
N/A					
COOLING AND L CONDENSING WATER MU	ısı All Addıtıvıs ınicipal Water witho	ut additives	•		
	Max. Summer 130 of Max. Ave. Summer 100 of Ave.	Winter 130 of Winter 100 of	ANTICIPATED TEMPERATURE OF INTAKE.	Ave Winter 55 Ave Summer 60	
	tment proposed, will	connect to	Lansing sewer	system.	
OTHER (Specify)					
DISTANCE OF TREATMENT	FACILITIES FROM NEAREST WELL:	N/A			
PRIVATE WELL N	<u>/A</u> feet	MUNICIPAL V	VELL N/A FEET		
	OR OXIDATION POND IS PROPOSED	, NEAREST	FEET		
ISTANCE TO A SURFACE W	ATERCOURSE	ŀ	N/A	•	
F DISCHARGE IS TO UNDER	RGROUND BY INJECTION WELL, INC UCTION, DATE OF DRILLING, SCR				
F DISCHARGE IS TO UNDER IND DETAILS OF CONSTRUM SHEET. N/A.	UCTION, DATE OF DRILLING, SCR	EEN DATA, AND PROPO	OSED-OPERATIONS OF	INJECTION WELL ON A S	EP
F DISCHARGE IS TO UNDER IND DETAILS OF CONSTRU LY SHEET. N/A.  Provide herewith, either by draphocess wastes, cooling waters of	Wing in the space below or by attaching or senitary wastes.	EEN DATA, AND PROPO a USGS map or county m	OSED-OPERATIONS OF	INJECTION WELL ON A S	EP
F DISCHARGE IS TO UNDER AND DETAILS OF CONSTRUMENTS SHEET. N/A.	Wing in the space below or by attaching or senitary wastes.	EEN DATA, AND PROPO a USGS map or county m	OSED-OPERATIONS OF	INJECTION WELL ON A S	EP
F DISCHARGE IS TO UNDER AND DETAILS OF CONSTRUMENT SHEET. N/A.  Provide herewith, either by draphococess wastes, cooling waters of	Wing in the space below or by attaching or senitary wastes.	EEN DATA, AND PROPO a USGS map or county m	OSED-OPERATIONS OF	INJECTION WELL ON A S	EP
F DISCHARGE IS TO UNDER IND DETAILS OF CONSTRU LY SHEET. N/A.  Provide herewith, either by draphocess wastes, cooling waters of	Wing in the space below or by attaching or senitary wastes.	EEN DATA, AND PROPO a USGS map or county m	OSED-OPERATIONS OF	INJECTION WELL ON A S	EP
F DISCHARGE IS TO UNDER AND DETAILS OF CONSTRUMENT SHEET. N/A.  Provide herewith, either by draphococess wastes, cooling waters of	Wing in the space below or by attaching or senitary wastes.	EEN DATA, AND PROPO a USGS map or county m	OSED-OPERATIONS OF	INJECTION WELL ON A S	EP
F DISCHARGE IS TO UNDER AND DETAILS OF CONSTRUMENT SHEET. N/A.  Provide herewith, either by draphococess wastes, cooling waters of	Wing in the space below or by attaching or senitary wastes.	EEN DATA, AND PROPO a USGS map or county m	OSED-OPERATIONS OF	INJECTION WELL ON A S	EP
F DISCHARGE IS TO UNDER IND DETAILS OF CONSTRU LY SHEET. N/A.  Provide herewith, either by draphocess wastes, cooling waters of	Wing in the space below or by attaching or senitary wastes.	EEN DATA, AND PROPO a USGS map or county m	OSED-OPERATIONS OF	INJECTION WELL ON A S	EF
F DISCHARGE IS TO UNDER AND DETAILS OF CONSTRUMENT SHEET. N/A.  Provide herewith, either by draphococess wastes, cooling waters of	Wing in the space below or by attaching or senitary wastes.	EEN DATA, AND PROPO a USGS map or county m	OSED-OPERATIONS OF	INJECTION WELL ON A S	EP
F DISCHARGE IS TO UNDER AND DETAILS OF CONSTRU LY SHEET. N/A.  Provide herewith, either by dra process wastes, cooling waters of Attachment	Wing in the space below or by attaching or senitary wastes.	EEN DATA, AND PROPO	OSED-OPERATIONS OF	INJECTION WELL ON A S	EP
Provide herewith, either by draphocess wastes, cooling waters of Attachment Attachment Ace Propan	Wing in the space below or by attaching or senitary westes.	EEN DATA, AND PROPO a USGS map or county m	OSED-OPERATIONS OF	INJECTION WELL ON A S	EP
TALLS AND ADDRESSES O	F PROPERTY OWNERS ADJACENT T	O PROPOSED ENTERPERS 5716 S. C	SED OPERATIONS OF	Injection well on Asing,	EF

I. INORGANIC MATERIALS    Name		A LIST OF CRITICAL MATERIALS PLICAL TO YOUR OPERATIONS.	EASE INDICATE	THE AMO	DUNT OF THESE MATERIALS USED,	OR PROPOSED TO BE US
MATERIALS  Animony (Story Complex 10	•		AMOUNT (III	alses)	NIANAT	A BAGNIANT (III /)
Arsonic Codomium Scientism	-				<u> </u>	-L
Comment   Comm			<u> </u>	·		DUDICY / 10 102
Chromium Na 2 Cr 2 04 10 1bs. Sulfider Copper Copper Copper Copper Thollium Zinc (ZnQ) 100  III. ORGANIC MATERIALS Acridine Benaziarine Benaz		<del></del>	<del></del>		{	<del> </del>
Copper   Sulfides   Traillium   Lead   Zinc (Zinc)   100			30 77		······	<del> </del>
Cyanides   Thailium   Zinc (Zing)   100		Coronium Na 2 Cr 2 O4	10 1bs		<u> </u>	<del> </del>
II. ORGANIC MATERIALS Acridine NAME Advision Acridine Acr					<u> </u>	<del> </del>
II. ORGANIC MATERIALS  Acrolina Ammonia Anniles (Incl. Benzerlinea) Anniles (Incl. Benzerlinea) Benzaldeyke Benzaldeyke Idenzina (Schwert) Benzaldeyke Idenzina (Schwert) Iden			·		()- <u></u>	ļ
Acrdine Acrdin Acrdine Acrdine Acrdine Acrdine Acrdine Acrdine Acrdine Acrdine		Lead	L		Zinc (ZnO)	100 lbs
Acrolem Hexachitoristatiene (HGD) Addrin Hydrogunone 1/4 1b. Addrin Hydrogunone 1/4 1b. Addrin Hydrogunone 1 1,000 1bs. Isopren 1 1,000 1bs. Ammonia 1 1,000 1bs. Mierutiene HGD Hexachitoristatiene (HGD) Annines Incl Benzelinesi 1,000 1bs. Mierutiene Mesavy 0 cde 1 1,000 1bs. Mierutiene 1 1,000 1bs. Maphiherut Acid (Naptimiene) 1 1,000 1bs. Mierutiene 1 1,000 1bs. Maphiherut Acid (Naptimiene) 1 1,000 1bs. Mierutiene 1 1,000 1bs. Mierut		NAME	AMOUNT (I	bs/yr)	· NAMF	AMOUNT (lbs/yr)
Address Ammonia Annines (incl Benzelines) Benzeliderye Butyralderye Butyralderye Butyralderye Butyralderye Butyralderye Butyralderye Butyralderye Butyralderye Butyralderye Benzeliderye Butyralderye Benzeliderye Benze	MATERIALS	Acridine			Hexachlorobenzene (HCB)	
Ammonia Amyl Acetate Antines (incl Benzadines) Benzadehyde Betz Proprofectione Butyl Alcohol (Tab reagent		Acrolein			Hexachlorobutadiene (HCBD)	
Amminas incl Benzatines		Aldrin			Hydroquinone	< 1/4 lb.
Antines (Incl Benzidined)  Benzialidhyde  Benzialidhyde  Benzialidhyde  Benzialidhyde  Benzialidhyde  Benzialidhyde  Benzialidhyde  Benzialidhyde  Betz Propriots (Inc)  Betz Propriots (Inc)  Betz Propriots (Inc)  Butyraldenydes  Carbon Disulfide  Chlorinised Benzene Compounds Izab reagent 50 lbs.  Crotionsledhyde  Chlorinised Benzene Compounds Izab reagent 50 lbs.  Crotionsledhyde  Cumene  DDT  Dichloropropane  DDT  Dichloropropane  Dichloropropane  Dicthylorinised  Dicthylorinised  Ethyl Acrylate  Ethyl Acrylate  Ethyl Acrylate  Ethyl Acrylate  Ethyl Acrylate  Toralphane  Ethyl Acrylate  Ethyl Acrylate  Toralphane  Tordun  Tordun  Dicthylorinises  Fadrin  Tordun  Tordun  Tordun  Tordun  Tordun  Dicthylorinises  Ethyl Acrylate  Toralphane  Ethyl Acrylate  Toralphane  Ethyl Acrylate  Toralphane  Tordun  Tordun  Tordun  Tordun  Dicthylorinises  Toralphane  Ethyl Acrylate  Toralphane  Tordun  Tordun  Tordun  Tordun  Dicthylorinises  Toralphane  Ethyl Acrylate  Toralphane  Tordun  To		Amrnonia	<del></del>		Isoprene	
Animes (Incl Benzelmes)  Benzale (Solvent)  Benzele (Solvent)  Butvi Alcohol (Lab reagent		Amyl Acetate			Lactonitrile	
Benzalethyde   Benzene (Solvent)   Nophthal		<del></del>	1.000 1	bs.	Mesitylene	
Benzy Bramide   Naphtheric Acid (Naphtheric Acid (Napht			1,000 Ing.			
Bezyl Bromide  Sete Proprolectione  Butvi Alcohol (Jab reagent   11b.   Phanoiic Compounds   160 lbs.  Butvi Alcohol (Jab reagent   11b.   Phanoiic Compounds   160 lbs.  Butvi Alcohol (Jab reagent   11b.   Phanoiic Compounds   160 lbs.  Butviraldohydos   Phenanthrene   250 lbs.  Carbion Disulfide   Phithalates (DBP, DOP)   250 lbs.  Carbion Disulfide   Phenanter (Intro-plenois)   Picramate (Intro-plenois)    Chlorinated Bensene Compounds Iab reagent   50 lbs.   Polychlorinated biphenyls (PCB'S)    Crotonaldehyde   Pyridines   Pyridines    Cumene   Quinoline    DDT   Quinone    Dichloropropene   Sityrene   10 lbs.  Dieldrin   Tordon    Diethylbenzene   Tosaphene    Endrin   Virryl Toluene    Endrin   Virryl Toluene    Ethyl Acrylate   Xylenes Lab reagents   10 lbs.  Heptachlor   2-4-5 T (and its formulations)    The Applicant   Delp    Typa Applicanty (Name and interest)    Print of Typa Co-Owner's Name    Print of Typa Co-Owner's Name    To Typa Name of Local Government Representative    Maiting Address of Local Government Representative    Maiting Address of Local Government Representative    Maiting Address of Local Government Representative   Control of Part (Inc.)    Maiting Address of Local Government Representative   Control of Part (Inc.)    Maiting Address of Local Government Representative   Control of Part (Inc.)    Maiting Address of Local Government Representative   Control of Part (Inc.)    Maiting Address of Local Government Representative   Control of Part (Inc.)    Maiting Address of Local Government Representative   Control of Part (Inc.)    Maiting Address of Local Government Representative   Control of Part (Inc.)   Control of Part (Inc.)    Maiting Address of Local Government Representative   Control of Part (Inc.)   Control of Part (Inc.)    Maiting Address of Local Government Representative   Control of Part (Inc.)   Control of Part (Inc.)    Maiting Address of Local Government Representative   Control of Part (Inc.)   Control of Part (Inc.)    Maiting Address of Local Government Represent			<del> </del>	··········	( <del></del>	
Sets Proprolections   Buryl Alcohol (Lab reagent   1 lb.   Phanolic Compounds   160 lbs.			<del> </del>		l	<del> </del>
Butyl Alcohol (Lab reagent 1 1b.)  Butyl Alcohol (Lab reagent 2 1 1b.)  Butyl Alcohol (Lab reagent 2 1 1b.)  Butyl Alcohol (Butyl Alcohologo 250 1bs.)  Carbon Disulfide  Chloranated Benzene Compounds Lab reagent 50 1bs.  Chloranated Benzene Compounds Lab reagent 50 1bs.  Chloranated Benzene Compounds Lab reagent 50 1bs.  Crotonalelehyde  Cumene  DDT  Duthloropropane  Dithloropropane  Styrone  Tordon  Diethybenzene  Endrin  Ethyl Acrylate  Xylanes  Heptachlor  Ethyl Acrylate  Heptachlor  Avylanes  Heptachlor  Date  Tordon  To Applicant  Avylanes  Heptachlor  Date  Tordon  To Applicant  Date  Tordon  Ethyl Acrylate  Avylanes  Heptachlor  Date  Tordon  To Applicant  Tordon  Ethyl Acrylate  Tordon  Ethyl Acrylate  Tordon  To Applicant  Tordon  To Applicant  Tordon  Ethyl Acrylate  Tordon  To Applicant  To Applicant  Tordon  To Applicant  To Applicant  Tordon  Tordon			<del> </del>		<b> </b>	<del> </del>
Butyrio Acid Carbon Disulfide Chlorinated Benzene Compounds Tab reagent 50 1bs. Polychlorinated biphenyls (PCB'S) Crotonaldehyde Cumene Dori Quinone DDT Quinone Dichloropropane Styrene Doridon Dichloropropane Fedrin Ethyl Acrylate Ethyl Acrylate Heptachlor Date Todan Delgarin Tordon Dichloropropane Ethyl Acrylate Ethyl Acrylate Heptachlor Date Todan Tordon Dichloropropane Todan Tordon Dichloropropane Endrin Ethyl Acrylate Totaphene Ethyl Acrylate Totaphene Totaphene Totaphene Totaphene Totaphene Totaphene Totaphicani Totap		<del></del>	/ 1 11			160 25-
Butyre Acid Carbon Disulfide Chlorinated Benzene Compounds Lab reagent 50 lbs. Chlorinated Benzene Compounds Lab reagent 50 lbs. Chlorinated Benzene Compounds Lab reagent 50 lbs. Crotonsidehyde Currene DDT Quinone Dischloropropane Styrene Dischloropropane Dischloropropane Dischloropropane Endrin Ethyl Acrylate Ethyl Acrylate Ethyl Acrylate Ethyl Acrylate Ethyl Acrylate Ethyl Acrylate Styrene Toasphene Endrin Ethyl Acrylate Tordon Ethyl Acrylate Ethyl Acrylate Toasphene Endrin Ethyl Acrylate Toasphene Endrin Ethyl Acrylate Toasphene Endrin Ethyl Acrylate Toasphene Endrin Tordon Toasphene Endrin Ethyl Acrylate Toasphene Endrin Tordon Toasphene Endrin Ethyl Acrylate Toasphene Toas		Butyraldabudas	<u> </u>			160 IDS.
Carbon Disulfide Chlormated Benzene Compounds Lab reagent 50 lbs. Polychloropated highenyls (PCB'S) Crotonsidehyde Cumene Quinoine Quinoine Quinoine DDT Quinoine Dischloropropane Siyrene Indun Distriylangene Endrin Entryl Acrylate Entryl Acrylate Stryl Acrylate					<u> </u>	250 155
Chlorinated Benzene Compounds Tab reagent 50 lbs. Polychlorinated biphenyls (PCB'S) Crotonaldehyde Cumene DDT Quinone Dichloropropane Dichloropropane Diethylbenzene Endrin Ethyl Acrylate Ethyl Acrylate Ethyl Acrylate Tordun Tordun Tordun Ethyl Acrylate Ethyl Acrylate Tordun Ethyl Acrylate Tordun Tordun Tordun Ethyl Acrylate Tordun Tordun Tordun Tordun Tordun Tordun Tordun Ethyl Acrylate Tordyl Acrylate Tordyl Toluene Ethyl Acrylate Tordyl Toluene Tordyl Tordy					( <del></del>	250 IDS.
Counsele Quincine  Counsele Quincine  DDT Quincine  Dichloropropane Styrene 10 1bs  Dieldrin Tordun  Dieldrin Torophene  Edity Acrylate Xylenes Lab reagents 10 1bs.  Heptachlor Xylenes Lab reagents 10 1bs.  Heptachlor Applicant  Torophene  Ethy Acrylate Xylenes Lab reagents 10 1bs.  Heptachlor 2-9-79  If Partnership, Signature of Co Owner Date  Tory Applicant file Print or Type Co-Owner's Name  Print or Type Co-Owner's Name  OTE If sanitary sewage is to be discharged from housing developments, apartment buildings, shopping centers, or other commercial sanitary waste collection system, the following should be completed and sign authorized municipal official or township officer.  Site policy of the Commission to request that applications involving the disposal of sewage of human origin from any entity other than vernment include the local government as a co-signer of the statement, and that all proceedings and hearings against the said entitled the local unit of government as a co-signer of the statement, and that all proceedings and hearings and proceedings in the said unit and entity  Ture of Authorized Local Government Representative  Mailing Address of Local Government Representative  Or Type Name of Local Government Representative			<del> </del>	<u> </u>	<del> </del>	<del> </del>
Cumene DDT Quinone Dichloropropane Dichloropropane District Endrin Ethyl Acrylate Ethyl Acrylate Ethyl Acrylate Ethyl Acrylate Authorized Daty Daty 2-9-79 If Parinership, Signature of Co Owner Date Date District Distric			reagent 5	U Ibs.		<u> </u>
DDT Dichipropropane Dicting Distributions of Distribution		<del></del>			<u> </u>	<del> </del>
Dichloropropane  Dichloropropane  Dichlylbenzene  Endrin  Ethyl Acrylate  Heptachlor  Todaphene  Ethyl Acrylate  Heptachlor  Daty  2-4-5 T (and its formulations)  Todaphicant,  Daty  2-9-79  Type Applicant's/Name and Title  Print or Type Co-Owner's Name  Print or Type Co-Owner's Name  To Smith, General Manager  TE If sanitary sewage is to be discharged from housing developments, apartment buildings, shopping centers, or other comme velopments into a system other than an approved municipal anitiary waste collection system, the following should be completed and sign authorized municipal official or township officer:  Is the policy of the Commission to request that applications involving the disposal of sewage of human origin from any entity other than vernment include the local government as a co-signer of the statement, and that all proceedings and hearings against the said entitlude the local unit of government as a party by appropriate notice, and all permits issued as a result of such hearings and proceedings with the said unit and entity  Mailing Address of Local Government Representative  Mailing Address of Local Government Representative		<del></del>	<u> </u>			 
Diethylbenzene Endrin Endrin Ethyl Acrylate Ethyl Acrylate Ethyl Acrylate Ethyl Acrylate Heptachlor  Toxaphene Ethyl Acrylate Ethyl Acrylate Ethyl Acrylate Ethyl Acrylate Heptachlor  Toxaphene  Xylenes Lab reagents 10 lbs.  Treat in accordance with Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 8 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 9 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 9 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 9 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 9 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 9 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 9 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 9 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 9 (b), Act 245, Public Acts of 1929, as amended  Total policiant, John Section 9 (b), Acts of 1929, as amended  Total policiant, J			<u></u>		Quinone	
Diethylbenzene  Endrin  Ethyl Acrylate  Ethyl		Dichloropropane			Styrene	10 lbs.
Endrin  Ethyl Acrylate  Ethyl Acrylate  Ethyl Acrylate  Heptachlor  Ethyl Acrylate  Heptachlor  Ethyl Acrylate  Heptachlor  Date  2-4-5 T (and its formulations)  If Partnership, Signature of Co Owner  Date  2-9-79  Type Applicant silvame and Title  Print or Type Co-Owner's Name  TE If sanitary sewage is to be discharged from housing developments, apartment buildings, shopping centers, or other commelopments into a system other than an approved municipal sanitary waste collection system, the following should be completed and sign authorized municipal official or township officer.  It has policy of the Commission to request that applications involving the disposal of sewage of human origin from any entity other than reriment include the local government as a co-signer of the statement, and that all proceedings and hearings against the said entitude the local unit of government as a party by appropriate notice, and all permits issued as a result of such hearings and proceedings will against the said unit and entity  Mailing Address of Local Government Representative  Mailing Address of Local Government Representative		Dieldrin				
Ethyl Acrylate  Heptachlor  Red in accordance with Section 8 (b), Act 245, Public Acts of 1929, as amended  Red in accordance with Section 8 (b), Act 245, Public Acts of 1929, as amended  Red in accordance with Section 8 (b), Act 245, Public Acts of 1929, as amended  Red in accordance with Section 8 (b), Act 245, Public Acts of 1929, as amended  Red in accordance with Section 8 (b), Act 245, Public Acts of 1929, as amended  Red in accordance with Section 8 (b), Act 245, Public Acts of 1929, as amended  Red in accordance with Section 8 (b), Act 245, Public Acts of 1929, as amended  Red in accordance with Section 8 (b), Act 245, Public Acts of 1929, as amended  Print or Type Co-Owner Section 9 (b)  Print or Type Co-Owner's Name  It Particular type Co-Owner's Name  Print or Type Co-Owner's Name  It Particular type Co-Owner's Name  Print or Type Co-Owner's Nam		Diethylbenzene .			Toxaphene	<u> </u>
Heptachlor  2-4-5 T (and its formulations)  mod in accordance with Section 8 (b), Act 245, Public Acts of 1929, as amended  flor) of Applicant, Committee Co		Endrin			Vinyl Toluene	<u> </u>
The policy of the Commission to request that applications involving the disposal of sewage of human origin from any entity other than any everyment include the local government as a co-signer of the statement, and that all proceedings and hearings against the said unit and entity  Type Name of Local Government Representative  If Partnership, Signature of Co Owner Date  If Partnership, Signature of Co Owner Date  If Partnership, Signature of Co Owner Date  Print or Type Co-Owner's Name  Print		Ethyl Acrylate			Xvienes Lab reagents	10 lbs.
Date 2-9-79  If Parinership, Signature of Co Owner Date 2-9-79  If Print or Type Co-Owner's Name  OTE If sanitary sewage is to be discharged from housing developments, apartment buildings, shopping centers, or other commissed poments into a system other than an approved municipal sanitary waste collection system, the following should be completed and sign a authorized municipal official or township officer.  Is the policy of the Commission to request that applications involving the disposal of sewage of human origin from any entity other than overnment include the local government as a co-signer of the statement, and that all proceedings and hearings against the said entity clude the local unit of government as a party by appropriate notice, and all permits issued as a result of such hearings and proceedings wintly against the said unit and entity  Mailing Address of Local Government Representative  Iter Type Name of Local Government Representative		Heptachlor			2-4-5 T (and its formulations)	
Print or Type Applicant's Name and Title Denis Smith, General Manager  OTE If sanitary sewage is to be discharged from housing developments, apartment buildings, shopping centers, or other commevelopments into a system other than an approved municipal sanitary waste collection system, the following should be completed and sign in authorized municipal official or township officer.  Is the policy of the Commission to request that applications involving the disposal of sewage of human origin from any entity other than overnment include the local government as a co-signer of the statement, and that all proceedings and hearings against the said entiticipal the local unit of government as a party by appropriate notice, and all permits issued as a result of such hearings and proceedings wointly against the said unit and entity  Mailing Addiess of Local Government Representative  Mailing Addiess of Local Government Representative	π <del>ιι</del> ęd in accordan	ce with \$9ction 8 (b), Act 245, Public Ac	ts of 1929, as ame	nded		
Print or Type Applicant's Name and Title OPIS Smith, General Manager  OTE If sanitary sewage is to be discharged from housing developments, apartment buildings, shopping centers, or other comme levelopments into a system other than an approved municipal sanitary waste collection system, the following should be completed and sign in authorized municipal official or township officer.  It is the policy of the Commission to request that applications involving the disposal of sewage of human origin from any entity other than povernment include the local government as a co-signer of the statement, and that all proceedings and hearings against the said entitional controlled the local unit of government as a party by appropriate notice, and all permits issued as a result of such hearings and proceedings with a said unit and entity  Mailing Address of Local Government Representative  Mailing Address of Local Government Representative	natur of Applicar	-/ / - / /	•	If Parin	ership, Signature of Co Owner	Date
NOTE If sanitary sewage is to be discharged from housing developments, apartment buildings, shopping centers, or other committeelopments into a system other than an approved municipal sanitary waste collection system, the following should be completed and sign in authorized municipal official or township officer.  It is the policy of the Commission to request that applications involving the disposal of sewage of human origin from any entity other than povernment include the local government as a co-signer of the statement, and that all proceedings and hearings against the said entitional control of such hearings and proceedings with a party by appropriate notice, and all permits issued as a result of such hearings and proceedings with a party of Authorized Local Government Representative  Mailing Address of Local Government Representative  Mailing Address of Local Government Representative	Ajus (	J. Wruch	-9-79			
NOTE If sanitary sewage is to be discharged from housing developments, apartment buildings, shopping centers, or other committee developments into a system other than an approved municipal sanitary waste collection system, the following should be completed and sign an authorized municipal official or township officer.  It is the policy of the Commission to request that applications involving the disposal of sewage of human origin from any entity other than government include the local government as a co-signer of the statement, and that all proceedings and hearings against the said entity of government as a party by appropriate notice, and all permits issued as a result of such hearings and proceedings world against the said unit and entity  Mailing Address of Local Government Representative  Mailing Address of Local Government Representative	nt of Type Applic. Denis Smi	antsiName and Title th. General Manager		Print or	Type Co-Owner's Name	
developments into a system other than an approved municipal sanitary waste collection system, the following should be completed and sign an authorized municipal official or township officer.  It is the policy of the Commission to request that applications involving the disposal of sewage of human origin from any entity other than government include the local government as a co-signer of the statement, and that all proceedings and hearings against the said entity include the local unit of government as a party by appropriate notice, and all permits issued as a result of such hearings and proceedings would against the said unit and entity  Mailing Address of Local Government Representative  Mailing Address of Local Government Representative				I		
int or Type Name of Local Government Representative	developments into an authorized mi It is the policy of government inclu- include the local	o a system other than an approved mu unicipal official or township officer. the Commission to request that appli- ide the local government as a co-sig unit of government as a party by appro-	inicipal sanitary w cations involving her of the staten	the disponent, and	ection system, the following should be esal of sewage of human origin from a that all proceedings and hearings a	any entity other than loc gainst the said entity w
	gnature of Authoriz	red Local Government Ropresentative ,		Mailing	Addiess of Local Government Represent	ativo
tig Data	int or Type Name o	f Local Government Representative				
	.lı	Dato				

## ITEM #10 DISCHARGE POINTS FOR COOLING WATER

- A Water cooled vacuum pump
- B Cooling 10 gallon kettle reactor
- C Cooling 50 gallon mixer
- D Laboratory Injection molder ·
- E Laboratory Banbury mixer
- F Laboratory Thermoplastic Extruder
- G Pilot Banbury and Extruder
- H Thermoplastic Cooling Trough
- I Floor drain

Cooling water from A, B, and C flows into floor drain and is pumped through over head pipe to second floor drain at point F. Cooling water from D, E, F, and G also flow into floor drain I and is then discharged to storm sewer.

The water used in the thermoplastic cooling trough is a closed system containing reservoir, circulation pump and air cooling tower.

The cooling water in this equipment is for nonproduction experimental use only and used intermittingly.

RSJ/slr 2/13/79

## DISCHARGE PERIMIT APPLICATION

Please print or type. The last page of this application contains a list of instructions and other important information. Please read the last page carefully before completing this application.

FOR OFFICIAL UCE	
HYD,	
GEOL.	
DIST.	
P.N.	_

	_					•			بنا ا	
١.	APPLICA	TION FOR (Check	one):	<del></del>			· <del>····································</del>			
	X,	Existing Discharge		į	New Dischar	90		Incre	ased Discharge	
							•			
	Name of A	PLASTICS,	Division	n of Ci	ba-Geigy		(!		3-1500	
	No and S		<b>C</b> 1 1		* .	cmy insing,		e and Z ip Coo	48909	
	3636	S. Cedar	Street	<del></del>		msing,	1111	Chigan	40303	<del> </del>
3	(a) TYPE	OF LEGAL ENTI	TY (Check one):	:	· · · · · · · · · · · · · · · · · · ·					
		Sole Owner	X Corporate	ion	Partnership			rcorporated, ii prporation are	ndicate state in w filed	rhich articles of
		Sovernmental Unit	[	Non Pro	fit Organization			New Yo	rk	
	(b) TYPE	OF PROPOSED E	NTERPRISE IC	heck one).			<del> </del>	<del> </del>	<del> </del>	<del></del>
	LJ,	A. Municipal Waste	water, School, T	railer Park		C, Manufacturi	ng and Mining	9		
	<u>"</u>	3. Agricultural, Inc	luding Fish Farm	11		X D. Wholesale ar	nd Retail Trad	de, Other Com	mercial Establish	ments
	(c) DESC	RIPTION OF PRO	POSED ENTER	RISE		<del></del>				•
	R	esearch a	nd Develo	nnment	for Plast	ics.			•	
		escuron a	ild Devet	5pmcne	IOL ILUD					
						•				
						•				
		·				<del> </del>				
	(d) LOCA	ATION OF PROPO	SED ENTERPRIS	SE.		City or V	····	<del></del>		
	ľ	S. Cedar	Street				sing			
	County			Township		Town	<del></del>	Rang	<del></del>	Section
ļ	Ingh	am		City c	of Lansing					<del></del>
Į.	SOURCE	OF'WATER (Exar	nple: private well	, river, munic	ipal supply):	•				
	PROCESS		<del> </del>	<del>`</del>		Amount	(gal/day)	<del>-,</del>		<del></del>
	COOLING	3 AND	<del></del>	<del></del>		A mount	(gal/day)			
	CONDEN	SING MUNI	cipal, C	ity of	Lansing	Amount		8,800	gal/wk.	<del> </del>
	DOMEST!	Muni	cipal, C	ity of	Lansing	Amount	(gal/day)	21,700	gal/wk.	
	OTHER (Specify)					Amount	(gal/day)			•
5	PROPOSE	ED LOCATION OF	WASTE DISCH	ARGE (Fxan	nole, groundwater	, public sewer, county (	drain lake an	ve name where	annicable)	
٠.	PROCESS				B. A. G. (ALLO 10)		(gal/day)		- app(ap.6)	
	WATER	• ,	,	·						
	CONDEN	~ ~ ~	rm sewer	•		Amount	(gal/day)	8,80	00 gal/wk	
	DOMESTI WATER				tic tankc	rain Amount ity Sanitary	(gal/day) SCWCT.	21,70	00 gal/wk	•
	OTHER (Spacity)	June 1, 197			· serve and say	Aniquet			·	
				-						

N/A	Ų.	• •	<u>.</u>	
	•	,	•	
		•		
DESCRIPTION OF EXPECTE	ED CHARACTERISTICS OF WAS	STE AFTER TREATMENT	(Bacterial, physical, chemic	cal, other).
N/A	•	·		
		•	•	
DOLING AND List	All Additives Licipal Water wit	hout additives	•	
NTICIPATED		lax, Winter13:0of	ANTICIPATED	Ave. Winter 55
		ve. Winter 100 °F	OF INTAKE	Ave. Summer 60
ANITARY EWAGE NO treatm	ment proposed, wi	ll connect to	Lansing sewer	system.
THER (Specify)		<u></u>		
	•			
<u> </u>			<del></del>	
STANCE OF TREATMENT FA	ACILITIES FROM NEAREST WE	LL: N/A		
PRIVATE WELL N/A	FEET	MUNICIPAL	NELL N/A FEET	
	OXIDATION POND IS PROPOS	SED, NEAREST	FEET	
マテムシアモ てん んじいりじんグモ いんご	I ENGOUNSE:		NIZA I	
STANCE TO A SURFACE WAT		<b>L</b>	N/A	
DISCHARGE IS TO UNDERG	ROUND BY INJECTION WELL,		A AS TO DEPTH AND D	
DISCHARGE IS TO UNDERG	ROUND BY INJECTION WELL, TION, DATE OF DRILLING, S		A AS TO DEPTH AND D	
DISCHARGE IS TO UNDERG			A AS TO DEPTH AND D	
DISCHARGE IS TO UNDERGO  ND DETAILS OF CONSTRUCT  SHEET. N/A.	TION, DATE OF DRILLING, S	SCREEN DATA, AND PROP	A AS TO DEPTH AND D OSED OPERATIONS OF I	NJECTION WELL ON A SEF
DISCHARGE IS TO UNDERGO  NO DETAILS OF CONSTRUCT  SHEET. N/A.	TION, DATE OF DRILLING, S	SCREEN DATA, AND PROP	A AS TO DEPTH AND D OSED OPERATIONS OF I	NJECTION WELL ON A SER
DISCHARGE IS TO UNDERGO  ND DETAILS OF CONSTRUCT  SHEET. N/A.	TION, DATE OF DRILLING, S ing in the space below or by attach sanitary wastes.	SCREEN DATA, AND PROP	A AS TO DEPTH AND D OSED OPERATIONS OF I	NJECTION WELL ON A SEF
DISCHARGE IS TO UNDERGO  ND DETAILS OF CONSTRUCT  SHEET. N/A.  Tovide herewith, either by drawn recess wastes, cooling waters or	TION, DATE OF DRILLING, S ing in the space below or by attach sanitary wastes.	SCREEN DATA, AND PROP	A AS TO DEPTH AND D OSED OPERATIONS OF I	NJECTION WELL ON A SEF
DISCHARGE IS TO UNDERGO  ND DETAILS OF CONSTRUCT  SHEET. N/A.  Tovide herewith, either by drawn recess wastes, cooling waters or	TION, DATE OF DRILLING, S ing in the space below or by attach sanitary wastes.	SCREEN DATA, AND PROP	A AS TO DEPTH AND D OSED OPERATIONS OF I	NJECTION WELL ON A SER
DISCHARGE IS TO UNDERGO  ND DETAILS OF CONSTRUCT  SHEET. N/A.  Tovide herewith, either by drawn recess wastes, cooling waters or	TION, DATE OF DRILLING, S ing in the space below or by attach sanitary wastes.	SCREEN DATA, AND PROP	A AS TO DEPTH AND D OSED OPERATIONS OF I	NJECTION WELL ON A SER
DISCHARGE IS TO UNDERGO  ND DETAILS OF CONSTRUCT  SHEET. N/A.  Tovide herewith, either by drawn recess wastes, cooling waters or	TION, DATE OF DRILLING, S ing in the space below or by attach sanitary wastes.	SCREEN DATA, AND PROP	A AS TO DEPTH AND D OSED OPERATIONS OF I	NJECTION WELL ON A SER
DISCHARGE IS TO UNDERGOVED DETAILS OF CONSTRUCTION OF CONSTRUC	TION, DATE OF DRILLING, S ing in the space below or by attach sanitary wastes.	SCREEN DATA, AND PROP	A AS TO DEPTH AND D OSED OPERATIONS OF I	NJECTION WELL ON A SER
DISCHARGE IS TO UNDERGO  ND DETAILS OF CONSTRUCT  SHEET. N/A.  Ovide herewith, either by drawn rocess wastes, cooling waters or	TION, DATE OF DRILLING, S ing in the space below or by attach sanitary wastes.	SCREEN DATA, AND PROP	A AS TO DEPTH AND D OSED OPERATIONS OF I	NJECTION WELL ON A SEA
DISCHARGE IS TO UNDERGO  ND DETAILS OF CONSTRUCT  SHEET. N/A.  Ovide herewith, either by drawn rocess wastes, cooling waters or	TION, DATE OF DRILLING, S ing in the space below or by attach sanitary wastes.	SCREEN DATA, AND PROP	A AS TO DEPTH AND D OSED OPERATIONS OF I	NJECTION WELL ON A SEA
DISCHARGE IS TO UNDERGIO DETAILS OF CONSTRUCT SHEET. N/A.  Ovide herewith, either by drawing ocess wastes, cooling waters or Attachment.	TION, DATE OF DRILLING, S ing in the space below or by attach sanitary wastes.	SCREEN DATA, AND PROP	A AS TO DEPTH AND DOSED OPERATIONS OF I	NJECTION WELL ON A SEA
DISCHARGE IS TO UNDERGO  ND DETAILS OF CONSTRUCT  SHEET. N/A.  Ovide herewith, either by drawn occess wastes, cooling waters or  Attachment.  AMES AND ADDRÉSSES OF	TION, DATE OF DRILLING, Sing in the space below or by attach sanitary wastes.	TTO PROPOSED ENTERP	A AS TO DEPTH AND DOSED OPERATIONS OF I	NJECTION WELL ON A SEF
DISCHARGE IS TO UNDERGO  ND DETAILS OF CONSTRUCT  SHEET. N/A.  Povide herewith, either by drawn rocess wastes, cooling waters or  Attachment.	PROPERTY OWNERS ADJACEN	TTO PROPOSED ENTERP	A AS TO DEPTH AND DOSED OPERATIONS OF I	Ing, each proposed discharge parties to the same of th

I. INORGANIC	NAME	AMOUNT (Ib	/yr)	NAME	AMOUNT (lbs/vr)
MATERIALS	Antimony (Sho O3)	50 lbs		Mercury Organic Mercury C	omplex < 10 lbs
_	Arsonic			Nickel	
•	Cadmium			Selenium	
	Chromium Na2 Cr2 O4	10 lbs		Silver	
	Copper			Sulfides	
	Cyanides			Thailium	
	Lead			Zinc (ZnO)	. 100 lbs
U OBCANIC	N. O. A. C.	AMOUNT (II	elur)	NAME	AMOUNT (Ibs/yr)
II. ORGANIC MATERIALS	NAME	ANIOON I	) S/ Y+1	Hexachlorobenzene (HCB)	MINIOUAL (1021AL)
	Acridine	<del></del>			<del> </del>
	Acrolein			Hexachlorobutadiene (HCBD)	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	Aldrin			Hydroquinons	< 1/4 lb.
	Ammonia			Isoprene	ļ
,	Amyl Acetate			Lactonitrile	<del> </del>
	Anilines (incl Benzidines)	1,000 1	os.	Mesitylene	<del> </del>
	Benzaldehyde			Mesity) Oxide	ļ
	Benzene (Solvent)			Napthol	<del> </del>
	Benzyl Bromide			Naphthenic Acid (Napthalene)	<del> </del>
•	Beta Propriolactone		<del></del>	Nitrobenzenes	· <del> </del>
	Butyl Alcohol (Lab reagent	< 1 1b	·	Phenolic Compounds	160 lbs.
	Butyraldehydes	<u> </u>		Phenanthrene	<u> </u>
	Butyric Acid			Phihalates (DBP, DOP)	250 lbs.
	Carbon Disulfide	<u> </u>		Picramates (nitro phenols)	<u> </u>
	Chlorinated Benzene Compounds Lab	reagent 5	lbs.	Polychlorinated biohenyls (PCB'S)	<u> </u>
	'Crotonaldehyde			Pyridines	
•	Cumene			Quinoline	
	DOT			Quinone	1
	Dichloropropane			Styrene	10 lbs.
	Dieldrin			Tordon	
	Diethylbenzene			Toxaphene	T
•	Endrin			Vinyl Toluene	
-	Ethyl Acrylate			Xylenes Lab reagents	10 lbs.
	Heptachlor			2-4-5 T (and its formulations)	
•					
benned in accordan	ce with Action 8 (b), Act 245, Public Ac	ts of 1929, as ame	nded		
Signatury of Applican	_	Daje	If Partn	ership, Signature of Co Owner	Date
-Lilius (	1. Suutt 2.	-9-79 .		•	
Print of Type Applica	ant s Name and Title	<del>,</del>	Print or	Type Co-Owner's Name	
	th, General Manager				
					<del></del>
		•			
	y sewage is to be discharged from				
	o a system other than an approved mu unicipal official or township officer.	nicipai sanitary w	aste cont	ection system, the following should be	ecompleted and signed
government inclu- include the local	the Commission to request that applied the local government as a co-sigunit of government as a party by appropriate said unit and entity.	ner of the statem	ent, and	that all proceedings and hearings a	igainst the said entity w
Signature of Authors	ed Local Government Representative		Mailing	Address of Local Government Represent	lative

Print or Type Name of Local Government Representative

Fitle

## STATE OF MICHIGANDEPARTMENT OF NATURAL RESOURCES WATER RESOURCES COMMISSION ARGE PERMIT APPLICATION

Please print or type. The last page of this application contains a first of instructions and other important information. Please read the last page carefully before completing this

٠., ٠.٠

OTHER

(Specty)

June 1, 1979.

FOR OFFICIAL U.
HYD,
G.OL.
DIST.
P,N,

	important information. Please read the last p	ago carelully belore comp	oloting this	DIST.
· applic	Bligh.	•		P.N.
. APPLICATION FOR (Chrck one):		·	·	
X Existing Discharge	· New Discharge	•	Increased Disch	narge
		····	<del> </del>	
REN PLASTICS, Divisi	on of Ciba-Geigy		Telephone No (517) 393-150	0
No and Street	City		State and Zip Code	_
5656 S. Cedar Street	Lansiı	ng,	Michigan 4890	9
3. (a) TYPE OF LEGAL ENTITY (Check o	ne)·			
Sole Owner X Corpo	pration Partnership		If incorporated, indicate sta incorporation are filed	te in which articles of
Governmental Unit	Non Profit Organization		New York	
(b) TYPE OF PROPOSED ENTERPRISE	(Check one)			
A, Municipal Wastowster, School	I, Trailor Park	C. Manufacturing and M	ining	
B Agricultural, Including Fish F	arms X	). Wholesale and Retail	Trade, Other Commercial E	stablishmants
(c) DESCRIPTION OF PROPOSED ENTE	ERPRISE			
	•	•		
(d) LOCATION OF PROPOSED ENTERS	ngier	<del></del>	<del></del>	
Stroet Address	raise.	City or Village		
5656 S. Cedar Street	<u>.</u>	Lansing	-	
County	Township	Town	Range	Section
Ingham	City of Lansing			
1. SOURCE OF WATER (Example: private v	well, river, municipal supply).			
PROCESS WATER		Amount (gal/day)		
COOLING AND Municipal,	City of Lansing	Amount (gal/day)	8,800 gal/w	k.
DOMESTIC Municipal,	City of Lansing	Amount (gal/day)	21,700 gal/w	k.
OT:HER (Specify)		Amount (gal/day)		
5 PROPOSED LOCATION OF WASTE DISC	CHARGE (Example: groundwater, public	sewer, county drain, lake	e; give name where applicabl	e)
PROCESS WATER .,		Amount (gal/day)		
COOLING AND STORM SEWE	er.	Amount (gal/day)	8,800 gal	/wk.
	rivate septic tank—drain meetion to Lansing City (	Annount (gal/day) Sanitary Sewer,	/	/wk.

Amount (gal/day)

N	1	Δ

Lippincott Auto Sales

. Hudson Oil Company

	·
	(b) DESCRIPTION OF EXPECTED CHARACTERISTICS OF WASTE AFTER TREATMENT (Bacterial, physical, chemical, other)
	Process Waste ;
	•
	N/A
	COOLING AND List All Additives CONDENSING WATER MUNICIPAL Water without additives.
	ANTICIPATED TERMPERATURE OF DISCHARGE  Max. Summer 130 of Max. Winter 130 of TEMPERATURE OF DISCHARGE  Ave. Summer 100 of Ave. Winter 100 of OF INTAKE.  Ave. Summer 60 of INTAKE.
	SANITARY SEWAGE No treatment proposed, will connect to Lansing sewer system.
	OTHER (Specify)
7.	DISTANCE OF TREATMENT FACILITIES FROM NEAREST WELL. N/A
	PRIVATE WELL N/A FEET MUNICIPAL WELL N/A FEET
	IF SUBSURFACE DISPOSAL OR OXIDATION POND IS PROPOSED, NEAREST
٠.	DISTANCE TO A SURFACE WATERCOURSE-
9	IF DISCHARGE IS TO UNDERGROUND BY INJECTION WELL, INCLUDE COMPLETE DATA AS TO DEPTH AND DIAMETER OF WELL, MATERIALS AND DETAILS OF CONSTRUCTION, DATE OF DRILLING, SCREEN DATA AND PROPOSED OPERATIONS OF INJECTION WELL ON A SEPARATE
	FLYSHEET. N/A.
•	
10.	Provide herewith, either by drawing in the space below or by attaching a USGS map or county map with appropriate marking, each proposed discharge point for
	process wastes, cooling waters or sanitary wastes.
	• •
	. Attachment.
	·
	·
11.	. NAMES AND ADDRÉSSES OF PROPERTY OWNERS ADJACENT TO PROPOSED ENTERPRISE
	Ace Propane Gas Company 5716 S. Cedar Street, Lansing

5634 S. Cedar Street, Lansing
5620 S. Cedar Street, Lansing

S. Cedar Street, Lansing

I. INORGANIC	NAME	· AMOUNT (ib:	s/yr)	NAME	AMOUNT (lbs'yr)
MATERIALS	Antimony (Slig Og)	50 lbs	•	Marcury Organic Mercury C	omplex < 10 lbs.
	Arsenic			Nickel	
ļ	Cadmium			Selanium .	
	Chromium Na2 Cr 2 04	10 lbs		Silvor	
	Copper			Sulfides	
•	Cyanides			Thallium	
	Lead			Zinc (ZnO)	100 lbs.
					·
II. ORGANIC	. NAME	AMOUNT (II	os/yr)	NAME	AMOUNT (lbs/yr)
MATERIALS	Acridina			Hexachiorobenzene (HCB)	
	Acrolein			Hexachlorobutadiene (HCBD)	
	Aldrin			Hydraquinone	< 1/4 1b.
	Ammonia			Isoprene	
•	Amyl Acetate			Lactonitrile	
	Anilines (incl. Benzidines)	1,000 1	bs.	Mesityiene	
	Benzaldehyde			Mesityl Oxide	<u> </u>
	Benzene (Solvent)			Napthol	
	Benzyl Bromide			Naphthenic Acid (Napthalene)	
•	Beta Propriolactone			Nitrobenzenes	
	Butyl Alcohol (Lab reage	nt) < 1 1b	•	Phenolic Compounds	160 lbs.
	Butyraldehydes			Phenanthrene	
	Butyric Acid			Phthaiates (DBP, DOP)	250 lbs.
	Carbon Disulfide			Picramates (nitro-phenois)	
	Chlorinated Benzene Compounds 1	ab reagent 5	0 lbs.	Polychlorinated biphenyis (PCB'S)	
	Crotonaldehyde			Pyridines	
	Cumene .			Quinoline	
	DOT			Quinone	i
	Dichloropropane			Styrene	10 lbs.
	Dieldrin			Tordon	<u> </u>
•	Diethylbenzene			Toxaphene	
•	Endrin	<del></del>		Vinyl Toluene	ļ
-	Ethyl Acrylate		• •	Xylenes Lab reagents	10 lbs.
•	Heptachlor			2-4-5 T land its formulations!	
	<del>(</del>	·			·····
<b>6</b> )		4 - 4 - 4 4000		•	
	ce with Section 8 (b), Act 245, Publi			Section Section of Co Owner	Date
Signature of Applican	V X -11	Dage C TO	II Partn	ership, Signatura of Co-Owner	Date
Mus (	- Onuch	2-9-79	i		
Print o Type Applica	ent & Name and Title	<del></del>	Print or	Type Co Owner's Name	<del> </del>
Dénis Smi	th, General Manage	r			
<del></del>		<del> </del>	<u> </u>		
-	•				
NOTE: If equition	y sawage is to be discharged f	rom housing dayalor	omante s	apartment buildings, shopping cente	or other commercial
developments inti	o a system other than an approved	municipal sanitary w		ection system, the following should be	
an authorized mi	unicipal official or township offic	cer.		•	
It is the policy of	the Commission to request that a	privolving involving	the dispo	sal of sewage of human origin from a	any entity other than local
government inclu	ide the local government as a co	o-signer of the statem	nent, and	that all proceedings and hearings as	gainst the said entity will
jointly against the	unit of government as a party by a e said unit and entity.	appropriate notice, an	id all pern	nits issued as a result of such hearing	s and proceedings will be
Signature of Authoriz	ed Local Government Representativ	0	Mailing	Address of Local Government Represent	ative
1					
Point de Tues Manage	I Lucai Coustament Description				
THE OF LYPO NAME O	I Lucui Government Representative				
Title				•	
1 1111	<u> </u>	ista	}		
L					

12" FOLLOWING IS A LIST OF CRITICAL MATERIALS. PLEASE INDICATE THE AMOUNT OF THESE TERIALS USED, OR PROPOSED TO BE USED IN OR INCIDENTAL TO YOUR OPERATIONS.